

# Network Flash

## User Guide

*Everything you need to know to use this device*

### WHAT IS THIS DEVICE?

Network Flash is a wireless flash drive. When plugged into a computer or device it works exactly like a normal USB flash drive. When connected to a WiFi network, the same files are also accessible from any computer on that network without needing to plug anything in.

Common uses include transferring design files to embroidery machines, loading patterns onto cutters or printers, or sharing files with any device that only accepts USB storage.

At a glance	
Looks like	A standard USB flash drive
Works as	A 32GB USB flash drive AND a network share
Access files via	USB cable or WiFi network (no password needed)
Copy files to device	Always use the network share — never copy directly via USB
Change WiFi (Windows)	Double click Change WiFi.bat on the drive
Change WiFi (macOS)	Right click Change WiFi.command and select Open
WiFi frequency	2.4GHz only — does not work on 5GHz networks

### FIRST TIME SETUP

Before moving the device to its intended host (such as an embroidery machine, printer, or kiosk), you must first connect it to a computer to configure the WiFi network. This only needs to be done once, or whenever you move it to a new location.



First time setup must be done on a Windows or Mac computer — not directly on the intended host device. Once WiFi is configured you can move it to the embroidery machine, printer, or other device.

First time setup flow	
Step 1	Plug Network Flash into a Windows or Mac computer
Step 2	Run Change WiFi.bat (Windows) or Change WiFi.command (macOS)
Step 3	Enter your 2.4GHz WiFi network name and password
Step 4	Wait 90 seconds for the device to connect
Step 5	Unplug and move the device to its intended host
Step 6	Plug into the embroidery machine, printer, or other device
Step 7	Access and manage files from any computer on the network

## IMPORTANT — READ BEFORE USE

**WAR  
NING**

**Never copy files directly to this drive via USB. Doing so may corrupt the drive and cause data loss.**

**WAR  
NING**

**This device only works on 2.4GHz WiFi networks. If your router has separate 2.4GHz and 5GHz networks, make sure you connect to the 2.4GHz one.**

**!**

Do not delete Change WiFi.bat or Change WiFi.command from the drive. These files are needed to change the WiFi network or hostname. If they are accidentally deleted, the device will automatically restore them within 30 seconds.

The USB connection should only be used for:

- Changing the WiFi network using the Change WiFi file (on a computer)
- Changing the device hostname using the Change WiFi file (on a computer)
- Providing USB storage to the intended host device (embroidery machine, printer, etc.)

All file transfers must go through the network share on a computer — not the USB drive window.

## COPYING FILES TO AND FROM THE DEVICE

All file transfers must be done through the network share. You do not need to unplug the device from its host — simply access the network share from any computer on the same WiFi network.

### 1 On your computer, open File Explorer or Finder

### 2 Double click Open Network Share if the drive is plugged into your computer

Or connect manually using the instructions below

### 3 Use the network share window to copy your files

Drag files into this window — not into any USB drive window

### 4 Files appear on the device within 30-60 seconds

The USB drive on the host device (e.g. embroidery machine) will update automatically

#### WARNING

**Do not copy, move or delete files using the USB drive window. Always use the network share to manage files.**

#### i

The drive may briefly disconnect from the host device while it syncs. This is normal and takes only a few seconds.

To connect to the network share manually, use the IP address your router assigned to the device:

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Windows: type \\[IP ADDRESS]\WDrive into the File Explorer address bar
macOS:   in Finder go to Go > Connect to Server and type smb://[IP
ADDRESS]/WDrive
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## CHANGING THE WIFI NETWORK OR HOSTNAME

To change the WiFi network or device hostname, temporarily unplug the device from its host and plug it into a Windows or Mac computer. Follow the steps for your operating system below.

#### !

This device only works on 2.4GHz WiFi networks. If your router has separate 2.4GHz and 5GHz networks, make sure you enter the name of the 2.4GHz network.

When you run the Change WiFi file you will see a menu with three options:

- Option 1 — Change WiFi network only
- Option 2 — Change device hostname only

- Option 3 — Change both WiFi and hostname

**i** Changing the hostname causes the device to reboot. Allow 2 minutes instead of 90 seconds when selecting option 2 or 3.

## Windows

**1** Unplug the device from its host and plug it into your Windows computer

**2** Open the drive and double click Change WiFi.bat

**3** Choose an option from the menu — 1, 2 or 3

**4** Enter the requested information and press Enter

**5** Wait for the countdown to finish  
90 seconds for WiFi only, 2 minutes if hostname change is included

**6** Unplug and move the device back to its host

## macOS

**1** Unplug the device from its host and plug it into your Mac

**2** Open the drive, then right click Change WiFi.command and select Open

**!** First time only: right click and select Open, then click Open in the security dialog. After that double clicking works normally.

**3** Choose an option from the menu — 1, 2 or 3

**4** Enter the requested information and press Return  
WiFi password is hidden as you type — this is normal

**5** Wait for the countdown to finish

90 seconds for WiFi only, 2 minutes if hostname change is included

## 6 Unplug and move the device back to its host

## TROUBLESHOOTING

Common issues and solutions	
<b>Device cannot connect to WiFi</b>	Make sure you are entering the 2.4GHz network name. This device does not work on 5GHz networks. If your router shows two network names (e.g. MyNetwork and MyNetwork_5G), use the one without _5G.
<b>Host device does not see the drive</b>	Try a different USB cable. Charge-only cables will not work. Also make sure the device is powered on — the USB cable from the host provides power.
<b>Windows asks to scan the drive for errors</b>	Click No or Cancel. The drive is working normally. This message may appear occasionally and is harmless.
<b>Drive briefly disconnects from host</b>	This is normal. The device briefly disconnects every minute or so while syncing files. The host device will reconnect automatically.
<b>Files not appearing on the device</b>	Make sure you copied files to the network share window, not the USB drive window. Files copied directly to the USB drive may not appear and could cause corruption.
<b>Network share shortcut does not open</b>	The device may not be on the same WiFi network as your computer. Temporarily unplug from the host, plug into a computer, and use Change WiFi to update the network.
<b>macOS blocks Change WiFi.command</b>	Right click the file and select Open, then click Open in the dialog. You only need to do this the first time.
<b>WiFi credentials not being applied</b>	The device will retry up to 3 times automatically. Make sure you are using the 2.4GHz network name and the correct password. If it still fails, run Change WiFi again.
<b>Hostname change did not apply</b>	Make sure you waited the full 2 minutes. A hostname change causes the device to reboot which takes longer than a WiFi-only change.

## QUICK REFERENCE

File on drive	OS	What it does
Change WiFi.bat	Windows	Menu to change WiFi network and/or hostname
Change WiFi.command	macOS	Menu to change WiFi network and/or hostname

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Open Network Share.bat	Windows	Double click to open the network share
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*For support email [queenpickle@mairaruns.com](mailto:queenpickle@mairaruns.com) or visit [mairaruns.com/networkflash.pdf](http://mairaruns.com/networkflash.pdf) for the full guide.*